

$R^2, R^3, R^4$  and  $R^5$  are hydrogen,

$R^6$  is methyl,

$R^7$  is hydrogen,  $C_{1-6}$  alkyl, which is optionally substituted with phenyl,  $COOC_{1-6}$  alkyl or  $CO-C_{1-6}$  alkyl,

$R^8$  is hydrogen,  $C_{1-6}$  alkyl, which is optionally substituted with phenyl,  $COOC_{1-6}$  alkyl or  $COC_{1-6}$  alkyl,

A is a straight-chain or branched  $C_{1-6}$  alkylene, straight-chain or branched  $C_{1-6}$  alkenylene or  $-(CH_2)_p-Q-(CH_2)_q-$ ,

B is hydrogen or  $-(CH_2)_p-U$ ,

Q is  $C_{3-7}$  cycloalkyl, indanyl, 5-, 6- or 7-membered saturated heterocycloalkyl with 1-2 N, O or S atoms,  $C_6-C_{10}$  aryl or 5- or 6-membered heteroaryl with 1-3 N, O or S atoms, which is optionally annellated with benzene,

U is hydrogen,  $C_{1-6}$  alkyl optionally substituted with halogen,  $C_{3-7}$  cycloalkyl, indanyl,  $C_{7-10}$  bicycloalkyl,  $C_{6-10}$  aryl or 5- or 6-membered heteroaryl with 1-3 N, O or S atoms, which is optionally annellated with benzene, wherein the aryl or heteroaryl radical is optionally substituted with halogen,  $C_{1-4}$  alkyl,  $C_{1-4}$  alkoxy,  $CF_3$ ,  $NO_2$ ,  $NH_2$ ,  $N(C_{1-4} \text{ alkyl})_2$ , cyano,  $CONH_2$ ,  $-O-CH_2-O-$ ,  $-O-(CH_2)_2-O-$ ,  $SO_2NH_2$ ,  $OH$ , phenoxy or  $COOC_{1-4}$  alkyl,

$R^8$  and B together with the nitrogen atom optionally form a 5- to 7-membered saturated heterocycle, which optionally contains another oxygen, nitrogen or sulfur atom and is optionally substituted with  $C_{1-4}$  alkyl, phenyl, benzyl or benzoyl or form an unsaturated 5-membered heterocycle, which optionally contains 1-3 N atoms and is optionally substituted with phenyl,  $C_{1-4}$  alkyl or halogen,

$R^7$  and A together with the nitrogen atom optionally form a 5- to 7-membered saturated heterocycle, which optionally contains another oxygen, nitrogen or sulfur atom or forms an unsaturated 5-membered heterocycle, which optionally contains 1-3 N atoms,

m is 0, 1 or 2,

n and r is 0, 1 to 6,

p and q is 0 to 6,

Sub  
B1  
  
A1

$R^9$  and  $R^{10}$  is hydrogen or  $C_{1-6}$  alkyl,

$R^{11}$  is  $C_{1-6}$  alkyl,  $-NH_2$ ,  $-NH-CH_3$ ,  $-NH-CN$ ,  $C_{6-10}$  aryl optionally substituted with halogen,  $C_{1-4}$  alkyl or  $CF_3$ , or 5- or 6-membered heteroaryl with 1 to 4 nitrogen, sulfur or oxygen atoms that is optionally substituted with halogen,  $C_{1-4}$  alkyl or  $CF_3$ ,

$R^{12}$  and  $R^{13}$  are hydrogen,  $C_{1-6}$  alkyl, phenyl optionally substituted with halogen or  $C_{1-4}$  alkyl, benzyl optionally substituted with halogen or  $C_{1-4}$  alkyl, or  $C_{3-7}$  cycloalkyl,

$R^{14}$  is hydrogen, hydroxy,  $C_{1-6}$  alkoxy, phenyl,  $C_{1-6}$  alkyl optionally substituted with  $CO_2H$ ,  $CO_2C_{1-6}$  alkyl, hydroxy,  $C_{1-4}$  alkoxy, halogen,  $NR^{15}R^{16}$ ,  $CONR^{12}R^{13}$ , phenyl, or  $C_{2-6}$  alkenyl optionally substituted with phenyl, cyano,  $CONR^{12}R^{13}$  or  $CO_2C_{1-4}$  alkyl,

$R^{15}$  and  $R^{16}$  are hydrogen,  $C_{1-6}$  alkyl, phenyl or benzyl, and

$R^{15}$  and  $R^{16}$  together with the nitrogen atom optionally form a saturated 5-, 6-, or 7-membered ring, which optionally contains another nitrogen, oxygen or sulfur atom and is optionally substituted with  $C_{1-4}$  alkyl, phenyl, benzyl or benzoyl,

wherein

$R^1$  is not 6-((4-aminobenzyl)aminomethyl), 6-((4-dimethylaminobenzyl)aminomethyl), 6-((4-aminobenzyl) (tert-butyloxycarbonyl)aminomethyl), or 6-((4-dimethylaminobenzyl) (tert-butyloxycarbonyl)aminomethyl).

Please cancel claims 2-5 without prejudice or disclaimer.

A2 Sub 6. (Twice Amended) A compound according to claim 1, wherein  $R^1$  and  $R^2$  together with two adjacent carbon atoms form a 3- to 8-membered ring, that is substituted with  $-(CHR^9)_r-NR^7-A-NR^8B$ .

A3 Sub 01 7. (Amended) A compound according to claim 6, wherein  $r = 0$ .

A4 Sub 01 8. (Twice Amended) A compound according to claim 1, wherein A is a straight-

A4

chain or branched C<sub>1-6</sub> alkylene or -(CH<sub>2</sub>)<sub>p</sub>-Q-(CH<sub>2</sub>)<sub>q</sub>-, wherein p and q are each independently 1-

4.

9. (Amended) A compound according to claim 1, wherein U is hydrogen, alkyl that is optionally substituted with halogen, C<sub>3-7</sub> cycloalkyl or optionally substituted phenyl.

10. (Amended) A compound according to claim 1, which is  
6-((3-aminomethyl)-benzyl-aminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-(meta-(N-[3-keto-2-methyl-2H-1,4-benzoxazin-6-yl]-methyl-aminomethyl)-benzyl-aminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-(meta-(N-[3-amino-2-methyl-2H-1,4-benzoxazin-6-yl]-methyl-aminomethyl)-benzyl-aminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-((4-aminomethyl)-benzyl-aminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-(para-(N-[3-amino-2-methyl-2H-1,4-benzoxazin-6-yl]-methyl-aminomethyl)-benzyl-aminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-(para-(N-[3-keto-2-methyl-2H-1,4-benzoxazin-6-yl]-methyl-aminomethyl)-benzyl-aminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-((3-aminomethyl-cyclohex-1-yl)-methyl-aminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-(3-(N-[3-amino-2-methyl-2H-1,4-benzoxazin-6-yl]-methyl-aminomethyl)-cyclohex-1-ylmethyl-aminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-((omega-aminobutyl-aminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-((omega-aminopentyl-aminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-((omega-aminohexyl-aminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-((3-[4-nitrobenzyl]-aminomethyl)-benzylaminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

Sub  
D1  
AS  
6-((3-[2-methylbenzyl]-aminomethyl)-benzylaminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-((3-[2,4-dichlorobenzyl]-aminomethyl)-benzylaminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-((3-[chlorobenzyl]-aminomethyl)-benzylaminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride,

6-((3-[3,4-dichlorobenzyl]-aminomethyl)-benzylaminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride, or

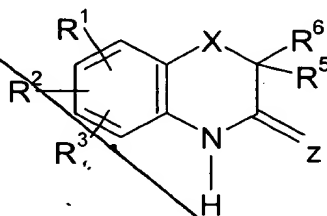
6-((3-benzylaminomethyl)-benzylaminomethyl)-3-amino-2-methyl-2H-1,4-benzoxazine trihydrochloride.

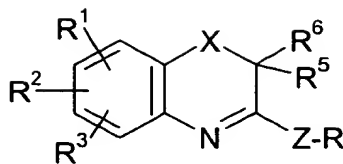
Sub  
D1  
AS  
11. (Twice Amended) A pharmaceutical composition comprising a compound according to claim 1 and one or more pharmaceutically-acceptable auxiliaries.

12. (Twice Amended) A method of treating a disease that is triggered by NOS comprising administering to a patient in need thereof a pharmaceutical composition according to claim 11.

Sub  
D1  
AT  
13. (Amended) A method of treating a neurodegenerative disease comprising administering to a patient in need thereof a pharmaceutical composition according to claim 11.

AS  
Sub  
D1  
14. (Twice Amended) A process for preparing a compound of claim 1, comprising reacting a compound of formula IIa or IIb or a salt thereof



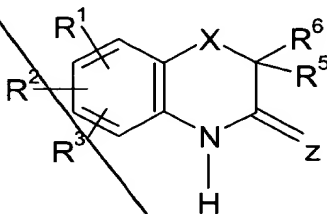


IIb

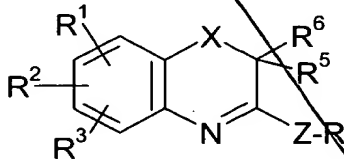
wherein

$R^1$ ,  $R^2$ ,  $R^3$ ,  $R^5$ ,  $R^6$  and X are as defined in claim 1, Z is oxygen or sulfur and R is a  $C_{1-6}$  alkyl, with ammonia or a primary amine.

15. (Amended) A compound of formula IIa or IIb



IIa



IIb

wherein

$R^1$  is  $-(CHR^9)_n-NR^7-A-NR^8-B$ ,

$R^2$ ,  $R^3$ ,  $R^4$  and  $R^5$  are hydrogen,

$R^6$  is methyl,

X is oxygen or sulfur, and R is a  $C_{1-6}$  alkyl.